



FOREST CONTROL

by CONTINUOUS INVENTORY

"Today I have grown taller from walking
With the trees."

...Karl Wilson

Milwaukee, Wis. December, 1964 No. 129

DECEMBER IS FOR THE CHILDREN

If I could find a higher tree
Farther and farther I should see
To where the grown-up river slips
Into the sea among the ships.

Where all the roads on either hand
Lead onward into fairy land,
Where all the children dine at five
And all the playthings come alive.

ROBERT LOUIS STEVENSON

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THE REGION COMPILES AN INTERNATIONAL LOG SCALE
LOOK-UP VOLUME TABLE

CFI Letter No. 123, with its Scribner Table of Volumes, now has a companion letter containing an International Volume Table. Similar in every detail of arrangement to the previous tabulation, this one has similar uses and purposes.

Basic machine work for the detailed figures was done by Bruce Bare on the 1620 at the Purdue University School of Forestry and Conservation. Tom Jones' volume formula in CFI letter No. 98 was used for the calculations.

These Look-Up Volume Tables have been found more useful than I first thought they might. They not only can be used for checking machine calculated volumes in CFI cases, and preparing test decks for computing, but for other mensuration techniques as well.

We have used the Look-Up Volume Tables in the study of individual trees in CFI plots. Every combination of sawlog length and diameter breast high, in small class intervals, is included in the tabulation and it is a simple matter to run down the tree volume. It is possible to check the standing tree volume against the accumulated volumes of the separate logs in the tree. This is useful in determining growth by grade and value in standing trees and information of this nature is now being prepared for CFI training school use.

Young cruisers carrying these booklets in their packs, and referring to them occasionally, will quickly come to learn the actual volume of standing trees. They will better understand the importance of minor diameter and length changes. They will begin to see trees in terms of content rather than exterior dimension. The tables thus have inherent pedagogic qualities the application of which should be encouraged in cruising.

CAL STOTT
Forester